

## EINLADUNG

Zeit: Montag, 22. Oktober 2012, 15.30 Uhr

Ort: Raum 5053.2 (B-IT Research School),  
Ahornstr. 55

Referent: Prof. Dr. Yuki Nakamoto  
University of Hyogo and Designated Professor of  
Nagoya University

Titel: Cloudia: A Car-to-X Data Integration Platform

### Abstract:

In recent years, driving safety support systems are emerging. These systems recognize the driving environment through on-board sensors and warn the driver or automatically initiate evasive maneuvers. However, as the on-board sensors and their data types diversify and the amount of data they emit increase, it is becoming difficult to design and develop sophisticated systems while retaining data reusability. To solve this problem, we propose a software platform, Cloudia, which applies stream data processing techniques to our automotive data integration architecture, and verify its feasibility.

### Short CV:

Prof. Nakamoto received M.E. and Ph.D. degrees from Osaka University. From 1982 to 2004, he worked for NEC Corporation, where he developed Linux and Java for cellular phone, real-time OSes for ISS and Electronics Switching Systems, and other embedded software. In 2004, he joined the University of Hyogo and is currently a Professor of Graduate School of Applied Informatics. Since 2006, he has been a Designated Professor of the Center for Embedded Computing Systems, in the Graduate School of Information Science, Nagoya University. His research interests include real-time systems, distributed systems, mobile systems, and software development environments.

Es laden ein: Die Dozenten der Informatik